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PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 2507-5836.1US (21851-US-01)

First Inventor Solberg et. al.

Title ROCKET MOTORS WITH INSENSITIVE MUNITIONS SYSTEMS  
AND PROJECTILES INCLUDING SAME

Express Mail Label No. EV348044692US

U.S. PTO  
22388  
210/645706  
08/21/03

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
- Applicant claims small entity status.  
See 37 CFR 1.27.
- Specification [Total Pages 28]  
(preferred arrangement set forth below)
  - Descriptive title of the Invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
- Drawing(s) (35 U.S.C. 113) [Total Sheets 6]
- Oath or Declaration [Total Pages 1]
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 CFR 1.63 (d))  
(for a continuation/divisional with Box 18 completed)
    - i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- Application Data Sheet. See 37 CFR 1.76

## ADDRESS TO:

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a.  Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  paper
  - c.  Statements verifying identity of above copies

## ACCOMPANYING APPLICATIONS PARTS

9.  Assignment Papers (cover sheet & document(s))
10.  37 C.F.R. §3.73(b) Statement  Power of (when there is an assignee) Attorney
11.  English Translation Document (if applicable)
12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations
13.  Preliminary Amendment
14.  Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15.  Certified Copy of Priority Document(s) (if foreign priority is claimed)
16.  Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17.  Other: Copy of Power of Attorney, Revocation of Prior Power of Attorney, Request to Change Correspondence Address

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation  Divisional  Continuation-in-part (CIP)

of prior application No. 10 / 016,697

Prior application information: Examiner E. Gartenberg

Group / Art Unit: 3746

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

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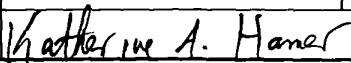
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Name (Print/Type) Katherine A. Harmer Registration No. (Attorney/Agent) 47,628

Signature  Date August 21, 2003

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# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 966

## Complete if Known

|                      |                             |
|----------------------|-----------------------------|
| Application Number   | To be assigned              |
| Filing Date          | August 21, 2003             |
| First Named Inventor | Solberg et. al.             |
| Examiner Name        | To be assigned              |
| Group / Art Unit     | To be assigned              |
| Attorney Docket No.  | 2507-5836.1US (21851-US-01) |

| METHOD OF PAYMENT (check all that apply)  |                    |                 |                |                 | FEE CALCULATION (continued)   |                    |               |                |                 |              |                      |          |          |          |          |                 |          |      |     |                          |  |  |  |  |                      |  |  |  |  |
|---|--------------------|-----------------|----------------|-----------------|---|--------------------|---------------|----------------|-----------------|--------------|----------------------|----------|----------|----------|----------|-----------------|----------|------|-----|--------------------------|--|--|--|--|----------------------|--|--|--|--|
| <input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money <input type="checkbox"/> Other <input type="checkbox"/> None Order<br><input type="checkbox"/> Deposit Account:<br>Deposit Account Number 20-1469<br>Deposit Account Name TraskBritt  |                    |                 |                |                 | <b>3. ADDITIONAL FEES</b><br><table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> </tr> </thead> <tbody> <tr> <td>Fee Code</td> <td>Fee (\$)</td> <td>Fee Code</td> <td>Fee (\$)</td> <td>Fee Description</td> <td>Fee Paid</td> </tr> </tbody> </table> 1051 130 2051 65 Surcharge - late filing fee or oath<br>1052 50 2052 25 Surcharge - late provisional filing fee or cover sheet.<br>1053 130 1053 130 Non-English specification<br>1812 2,520 1812 2,520 For filing a request for reexamination<br>1804 920* 1804 920* Requesting publication of SIR prior to Examiner action<br>1805 1,840* 1805 1,840* Requesting publication of SIR after Examiner action<br>1251 110 2251 55 Extension for reply within first month<br>1252 410 2252 205 Extension for reply within second month<br>1253 930 2253 465 Extension for reply within third month<br>1254 1,450 2254 725 Extension for reply within fourth month<br>1255 1,970 2255 985 Extension for reply within fifth month<br>1401 320 2401 160 Notice of Appeal<br>1402 320 2402 160 Filing a brief in support of an appeal<br>1403 280 2403 140 Request for oral hearing<br>1451 1,510 1451 1,510 Petition to institute a public use proceeding<br>1452 110 2452 55 Petition to revive - unavoidable<br>1453 1,300 2453 650 Petition to revive - unintentional<br>1501 1,300 2501 650 Utility issue fee (or reissue)<br>1502 470 2502 235 Design issue fee<br>1503 630 2503 315 Plant issue fee<br>1460 130 1460 130 Petitions to the Commissioner<br>1807 50 1807 50 Processing fee under 37 CFR 1.17 (q)<br>1806 180 1806 180 Submission of Information Disclosure Stmt<br>8021 40 8021 40 Recording each patent assignment per property (times number of properties)<br>1809 750 2809 375 Filing a submission after final rejection (37 CFR § 1.129(a))<br>1810 750 2810 375 For each additional invention to be examined (37 CFR § 1.129(b))<br>1801 750 2801 375 Request for Continued Examination (RCE)<br>1802 900 1802 900 Request for expedited examination of a design application<br><br>Other fee (specify) _____ |                    |               |                |                 | Large Entity | Small Entity         | Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description | Fee Paid |      |     |                          |  |  |  |  |                      |  |  |  |  |
| Large Entity  | Small Entity       |                 |                |                 |   |                    |               |                |                 |              |                      |          |          |          |          |                 |          |      |     |                          |  |  |  |  |                      |  |  |  |  |
| Fee Code  | Fee (\$)           | Fee Code        | Fee (\$)       | Fee Description | Fee Paid  |                    |               |                |                 |              |                      |          |          |          |          |                 |          |      |     |                          |  |  |  |  |                      |  |  |  |  |
| <b>1. BASIC FILING FEE</b><br><table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> </tr> </thead> <tbody> <tr> <td>Fee Code (\$)</td> <td>Fee Code (\$)</td> <td>Fee Description</td> <td>Fee Paid</td> </tr> </tbody> </table> 1001 750 2001 375 Utility filing fee 750<br>1002 330 2002 165 Design filing fee<br>1003 520 2003 260 Plant filing fee<br>1004 750 2004 375 Reissue filing fee<br>1005 160 2005 80 Provisional filing fee |                    |                 |                |                 | Large Entity  | Small Entity       | Fee Code (\$) | Fee Code (\$)  | Fee Description | Fee Paid     | SUBTOTAL (1) (\$ 750 |          |          |          |          |                 |          |      |     |                          |  |  |  |  |                      |  |  |  |  |
| Large Entity  | Small Entity       |                 |                |                 |   |                    |               |                |                 |              |                      |          |          |          |          |                 |          |      |     |                          |  |  |  |  |                      |  |  |  |  |
| Fee Code (\$)   | Fee Code (\$)      | Fee Description | Fee Paid       |                 |   |                    |               |                |                 |              |                      |          |          |          |          |                 |          |      |     |                          |  |  |  |  |                      |  |  |  |  |
| <b>2. EXTRA CLAIM FEES</b><br><table border="1"> <thead> <tr> <th>Total Claims</th> <th>Independent Claims</th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>32</td> <td>-20 **</td> <td>12</td> <td>X 18</td> <td>= 216</td> </tr> <tr> <td>2</td> <td>-3 **</td> <td>0</td> <td>X 84</td> <td>= 0</td> </tr> <tr> <td colspan="5">Multiple Dependent X = 0</td> </tr> </tbody> </table>                    |                    |                 |                |                 | Total Claims  | Independent Claims | Extra Claims  | Fee from below | Fee Paid        | 32           | -20 **               | 12       | X 18     | = 216    | 2        | -3 **           | 0        | X 84 | = 0 | Multiple Dependent X = 0 |  |  |  |  | SUBTOTAL (2) (\$ 216 |  |  |  |  |
| Total Claims  | Independent Claims | Extra Claims    | Fee from below | Fee Paid        |   |                    |               |                |                 |              |                      |          |          |          |          |                 |          |      |     |                          |  |  |  |  |                      |  |  |  |  |
| 32  | -20 **             | 12              | X 18           | = 216           |   |                    |               |                |                 |              |                      |          |          |          |          |                 |          |      |     |                          |  |  |  |  |                      |  |  |  |  |
| 2   | -3 **              | 0               | X 84           | = 0             |   |                    |               |                |                 |              |                      |          |          |          |          |                 |          |      |     |                          |  |  |  |  |                      |  |  |  |  |
| Multiple Dependent X = 0  |                    |                 |                |                 |   |                    |               |                |                 |              |                      |          |          |          |          |                 |          |      |     |                          |  |  |  |  |                      |  |  |  |  |
| *or number previously paid, if greater; For Reissues, see above   |                    |                 |                |                 |   |                    |               |                |                 |              |                      |          |          |          |          |                 |          |      |     |                          |  |  |  |  |                      |  |  |  |  |
|   |                    |                 |                |                 | *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$ 0  |                    |               |                |                 |              |                      |          |          |          |          |                 |          |      |     |                          |  |  |  |  |                      |  |  |  |  |

| SUBMITTED BY      |                           |                                  | Complete (if applicable) |           |                 |
|-------------------|---------------------------|----------------------------------|--------------------------|-----------|-----------------|
| Name (Print/Type) | Katherine A. Hamer        | Registration No. Attorney/Agent) | 47,628                   | Telephone | 801-532-1922    |
| Signature         | <i>Katherine A. Hamer</i> |                                  |                          | Date      | August 21, 2003 |

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